

(Modified) PTO/SB/08A-B (10-96)  
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Substitute for form 1449A-B/R TO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

*(use as many sheets as necessary)*

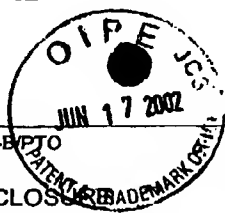
**Complete if Known**

Application Number	<del>09/078,917</del> 09/997,623
Filing Date	<del>October 17, 2001</del> Nov. 29, 2001
First Named Inventor	Kim Vilbour Andersen
Group Art Unit	<del>1744-1646</del> 1653
Examiner Name	Unassigned
Attorney Docket Number	<del>0210-310US</del> 0219US410

## U.S. PATENT DOCUMENTS

[illegible]

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

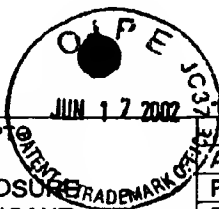


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Substitute for form 1449A-B PTO  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (use as many sheets as necessary)	Complete if Known	
	Application Number	09/978,917
	Filing Date	October 17, 2001
	First Named Inventor	Kim Vilb ur Andersen
	Group Art Unit	<del>1244</del> 1683
	Examiner Name	Unassigned
	Attorney Docket Number	0219.310US

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number	Kind Code (if known)				
CHK	23	EP	0 370 205	A2	Kyowa Hokko Kogyo Co., LTD.	05/30/1990		
	24	EP	0 575 054	A2	Eli Lilly and Company	12/22/1993		
	25	JP	3072877		Teijin LTD.	03/28/1991		X
	26	JP	08-092294		Teijin LTD. (ABSTRACT ONLY)	09/04/1996		X
	27	WO	89/05824	A1	Genetics Institute, Inc.	06/29/1989		
	28	WO	98/44000	A1	T.A.C. Thrombosis and Coagulation Aktiebolag	10/08/1998		
	29	WO	99/20767	A1	Regents of the University of Minnesota	04/29/1999		
	30	WO	00/26230	A1	Novo Nordisk	05/11/2000		
	31	WO	00/26354	A1	Novo Nordisk	05/11/2000		
	32	WO	00/54787	A1	The Children's Hospital of Philadelphia	09/21/2000		
	33	WO	00/66753	A2	Regents of the University of Minnesota	11/09/2000		
	34	WO	0066754	A1	Eli Lilly and Company	11/09/2000		
	35	WO	01/36463	A2	Eli Lilly and Company	05/25/2001		
	36	WO	01/57193	A2	Eli Lilly and Company	08/09/2001		
CHK	37	WO	01/59084	A1	Eli Lilly and Company	08/16/2001		
Examiner Signature	CHK / [Signature]					Date Considered	6/22/04	

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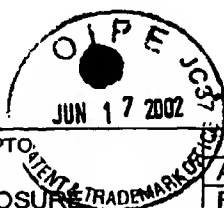
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Substitute for form 1449A-B/P <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	Complete if Known	
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	Filing Date	October 17, 2001
	First Named Inventor	Kim Vilbourn Andersen
	Group Art Unit	1744
	Examiner Name	Unassigned
	Attorney Docket Number	0219.310US

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
CMK	38	COLPITTS, TRACEY L. et al., "Binding of Calcium to Individual $\gamma$ -Carboxyglutamic Acid Residues of Human Protein C", <i>Biochemistry</i> , 1995, 34, 2424-2430	
	39	FRIEDRICH, UTE. et al., "Secondary Substrate-binding Exosite in the Serine Protease Domain of Activated Protein C Important for Cleavage at Arg-506 but Not at Arg-306 in Factor Va", <i>The Journal of Biological Chemistry</i> , 2001, Vol. 276, No. 25:23105-23108	
	40	FRIEDRICH, UTE et al., "Structural and Energetic Characteristics of the Heparin-binding Site in Antithrombotic Protein C", <i>The Journal of Biological Chemistry</i> , 2001, Vol. 276, No. 26:24122-24128	
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	42	GALE, ANDREW J. et al., "Nonenzymatic anticoagulant activity of the mutant serine protease Ser360Ala-activated protein C mediated by factor Va" <i>Protein Science</i> , (1997), 6:132-140	
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	47	JHINGAN, ASHISH et al., "The Activities of Recombinant $\gamma$ -Carboxyglutamic-Acid-Deficient Mutants of Activated Human Protein C toward Human Coagulation Factor Va and Factor VIII in Purified Systems and in Plasma", <i>Biochemistry</i> , (1994) 33:1869-1875	
	48	MCDONALD, JOHN F. et al., "Comparison of Naturally Occurring Vitamin K-Dependent Proteins: Correlation of Amino Acid Sequences and Membrane Binding Properties Suggests a Membrane Contact Site", <i>Biochemistry</i> , (1997) 36:5120-5127	
CMK	49	MESTERS, ROLF M. et al., "A Novel Exosite in the Light Chain of Human Activated Protein C Essential for Interaction with Blood Coagulation Factor Va", <i>Biochemistry</i> , (1993) 32:12656-12663	

Examiner Signature	<i>CBL</i>	Date Considered	6/22/04
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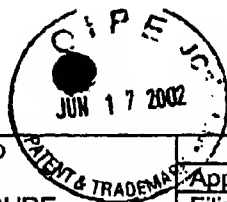
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	Application Number	09/978,917
	Filing Date	October 17, 2001
	First Named Inventor	Kim Vilb ur Andersen
	Group Art Unit	1744
	Examiner Name	Unassigned
	Attorney Docket Number	0219.310US

CMK	50	MESTERS, ROLF M. et al., "Identification of a Sequence of Human Activated Protein C (Residues 390-404) Essential for Its Anticoagulant Activity", <i>The Journal of Biological Chemistry</i> , 1991, Vol.266, No. 36:24514-24519	
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CMK	61	SHEN, LEI et al., "Tracking Structural Features Leading to Resistance of Activated Protein C to $\alpha$ 1-antitrypsin", <i>Biochemistry</i> , (2000) 39:2853-2860	

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	Group Art Unit	1744
	Examiner Name	Unassigned
	Attorney Docket Number	0219.310US

CMK	62	THARIATH, ABRAHAM et al., "Highly conserved residue arginine-15 is required for the Ca <sup>2+</sup> -dependent properties of the $\gamma$ -carboxyglutamic acid domain of human anticoagulation Protein C and activated Protein C", <i>Biochem. J.</i> , (1997) 322:309-315	
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CMK	65	ZHANG, LI et al., "Role of the Hexapeptide Disulfide Loop Present in the $\gamma$ -Carboxyglutamic Acid Domain of Human Protein C in Its Activation Properties and in the In Vitro Anticoagulant Activity of Activated Protein C", <i>Biochemistry</i> , (1991) 30:6696-6704	

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